



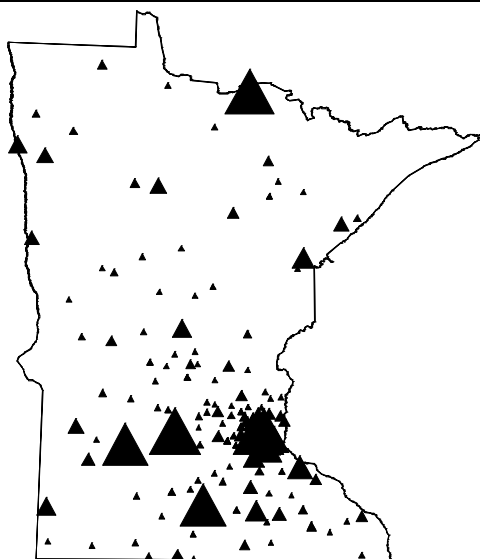
1997 TOXICS RELEASE INVENTORY

MINNESOTA

State/TRI Data

Population	4,687,408
Square Miles	79,617
Total Facilities	472
Total Forms	1,277
Form As	251

National Rank for Total On- and Off-site Releases <i>(includes transfers out-of-state for disposal)</i>	
Rank	33
Pounds	20,166,465
National Rank for Total On-site Releases <i>(includes quantities released at the facility; excludes quantities transferred to other sites for disposal)</i>	
Rank	32
Pounds	17,598,614
National Rank for Total Releases within State <i>(excludes transfers out-of-state for disposal)</i>	
Rank	34
Pounds	18,651,945
National Rank for Production-related Waste Managed	
Rank	28
Pounds	259,705,844



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of Minnesota. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

Reported Releases and Waste Management Activities

	Pounds
On-site Releases	17,598,614
Air Emissions	17,023,305
Surface Water Discharges	324,718
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	250
Other On-site Land Releases	250,341
Off-site Releases (Transfers Off-site to Disposal)	2,567,851
Total On- and Off-site Releases	20,166,465
Recycled On-site	161,863,212
Recycled Off-site	21,296,995
Energy Recovery On-site	8,016,186
Energy Recovery Off-site	2,359,251
Treated On-site	34,693,861
Treated Off-site	10,884,199
Quantity Released On- and Off-site	20,592,140
<i>(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)</i>	
Total Production-related Waste Managed	259,705,844
Total Non-production-related Waste Managed	28,193

Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>				<u>On-site Releases to Land</u>		Transferred Into State	Transferred Within State	Transferred Out of State	
		Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
108-88-3	Toluene	2,235,464	107	0	0	0	0	700	1,152	284	2,237,423
110-54-3	n-Hexane	2,185,071	9	0	0	250	0	0	0	51	2,185,330
1330-20-7	Xylene (mixed isomers)	2,054,464	188	0	0	0	0	0	19,009	0	2,073,661
67-56-1	Methanol	1,746,881	426	0	0	0	2,500	0	2,402	0	1,752,209
7664-41-7	Ammonia	1,608,999	93,155	0	0	0	11,120	0	24,632	0	1,737,906

*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



1997 TOXICS RELEASE INVENTORY

MINNESOTA

Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
3M, Hutchinson, Mc Leod	892,800	0	0	0	0	0	892,800	10,100	8,100
Ford Motor Co., Saint Paul, Ramsey	883,980	0	0	0	0	0	883,980	360	4,467
Boise Cascade Corp., International Falls, Koochiching	671,582	123,440	0	0	0	49,648	844,670	0	0
Cenex Harvest States Co-Op., Mankato, Blue Earth	789,000	0	0	0	250	0	789,250	0	0
Southern Minnesota Beet Sugar, Renville, Renville	778,989	0	0	0	0	7,943	786,932	0	0

*The facility ranking is based on the amounts in this column.

Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
North Star Recycling, Saint Paul, Ramsey	0	0	0	0	0	0	1,257,613	1,257,613	0
3M, Hutchinson, Mc Leod	20,930,000	1,141,327	0	152,620	3,241,000	314,600	905,457	26,685,004	0
Ford Motor Co., Saint Paul, Ramsey	0	869,900	115,300	0	155,203	34,300	887,100	2,061,803	0
Boise Cascade Corp., International Falls, Koochiching	0	0	2,500,000	0	7,568,000	0	839,420	10,907,420	0
Cenex Harvest States Co-Op., Mankato, Blue Earth	0	20,100	0	0	12,750	400	790,000	823,250	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

For More Information...

State Contact:
Steve Tomlyanovich
(651) 282-5396
Fax (651) 296-0459

EPA Regional Contact:
Thelma Codina
(312) 886-6219
Fax (312) 353-4788

To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 260-1531
Fax (202) 401-2347